



**LION ENERGY™**

Safe. Silent. Renewable. Power.



**ENERGY INDEPENDENCE**





# PRODUCTS THAT ARE GOOD FOR PEOPLE AND FOR OUR PLANET.

# PERIOD.

Lion Energy's entire focus is on safe, silent, renewable power that gives you energy independence. Whatever your needs are, we've got you covered.

Our mission is to provide products that are safe, silent, and renewable so you can use them wherever and whenever you want. We make products that are good for people and good for our planet. Period.

We are driven by this passion. Lion Energy products are designed for everyday use – around the house, at work, on the go, or during emergencies.

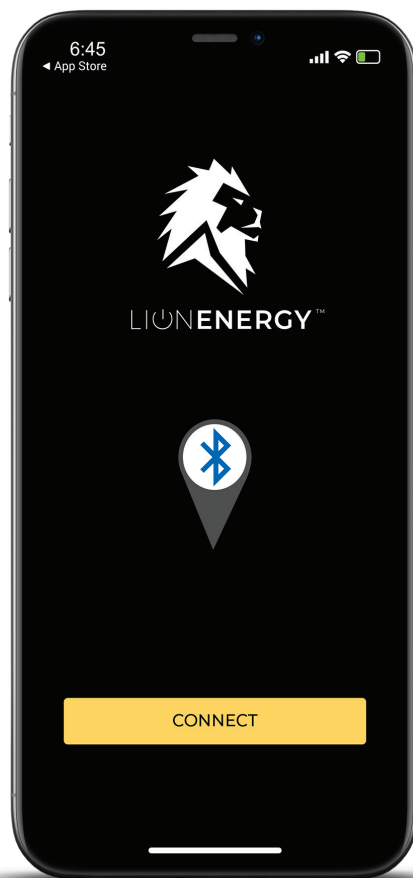
Our products are high-quality, lithium battery based solutions for everyday living. They range from small portable power banks and silent solar generators to RV batteries for auxiliary power and residential, and commercial a energy storage.

We help you become energy independent by providing power where and when you need it.



## Bluetooth Compatible

Download our app and monitor your Lion Energy Bluetooth-enabled device using your mobile phone.



- ▶ Monitor current energy capacity.
- ▶ See incoming and outgoing energy usage in real time.
- ▶ Search for Lion Energy Smart in your app store, or scan the QR Code above to download now!

# LITHIUM BATTERIES

The Lion UT™ line is the latest in Lithium battery technology. It replaces traditional deep cycle lead acid batteries with the safest and longest lasting Lithium Iron Phosphate batteries. It is a drop in or “plug and play” replacement – simply remove the battery from your RV or boat and replace it with this superior performing battery.

It is used for auxiliary power in RVs, trailers, motorhomes, vans, boats, cabins, sheds, gazebos, dump trailers, and places where you need a reliable source of stored energy. It provides twice the energy of lead acid because all of its energy (amp hours) can be used instead of only ~50% like lead acid batteries provide. The UT 1300™ can also store renewable energy from the sun.





## Lion UT™ 1300 BT



The Lion UT™ line is the latest in Lithium battery technology. It replaces traditional deep cycle lead acid batteries with the safest and longest lasting Lithium Iron Phosphate batteries. The UT 1300 BT and BT-H feature 15% faster charging times with a smart Battery Management System (BMS). Camp 2x longer, lift and dump 4x more on a single charge.

RV / Trailer / Motorhome / Marine / Outbuilding

### Lion UT 1300 BT

Price / SKU	\$899 / 50170171
Battery Type	Lithium Iron Phosphate
Life Cycles	3,500+ at 100% DOD
Rated Capacity	12.8V / 105 Ah / 150A
Charge / Operate Temperature	32° to 113° / -4° to 131°
Series / Parallel	12V to 48V / 105Ah, 210Ah, 315Ah+
Weight / Dimensions	23 lbs / 10.2" x 6.6" x 8.8"
Bluetooth Enabled	Yes
Warranty	*Limited Lifetime

\*Lifetime warranty is not time limited but is based on at least 3,500 life cycles at a

## Lion UT™ 1300 BT-H



The Lion UT™ 1300 BT-H, equipped with a built-in battery heater and Bluetooth functionality, is capable of recharging within the temperature range of 32°F to 113°F. It can also discharge between -4°F and 131°F. As long as a charging source is connected, the internal heater ensures the battery remains within its optimal operating temperature.

### Lion UT 1300 BT-H

Price / SKU	\$999 / 50170173
Battery Type	Lithium Iron Phosphate
Life Cycles	3,500+ at 100% DOD
Rated Capacity	12.8V / 105 Ah / 150A
Charge / Operate Temperature	32° to 113° / -4° to 131°
Series / Parallel	12V to 48V / 105Ah, 210Ah, 315Ah+
Weight / Dimensions	23 lbs / 10.2" x 6.6" x 8.8"
Bluetooth Enabled	Yes
Internal Battery Heater	Automatic
Warranty	*Limited Lifetime

100% Depth Of Discharge (DOD) or 80% cell capacity. See website for more details.



# PORTABLE POWER UNITS

Power your tailgating party or keep the lights on through the storm. Our portable power units are strong enough to weather the worst of mother nature and light enough to take with you anywhere.

Lion Energy has the latest in Lithium Battery technology for professional portable power needs. Our products range from home energy storage systems to solar generators to small hand-held power banks, all Lithium Battery based. They are safe, silent, and renewable source of clean energy so you can use them during emergencies, around the house, or wherever your adventures take you.



## Lion Prowler™

Tablets / USB Devices / Phones

The Lion Prowler is a portable power unit that provides wireless charging for many smart cell phones, USB devices, and has a flashlight and a lamp.

**Easy to Use** - Connect USB devices that need power

**Convenient** - Easy to transport, light-weight and fits in your back pocket, backpack, carry bag or clipped on

**Durable** - Rugged design and comfortable in hand

**Travel Friendly** - Approved for travel on airplanes

Price / SKU	\$49 / 50180001
Battery Type	Lithium Polymer
Life Cycles	300+
Battery Capacity	20,000mAh / 74Wh
Charge Time (Wall)	~8 Hours
USB Output	2 USB-A 5V @ 3A / 1 USB-C 5V @ 3A
Weight / Dimensions	1.2 lbs / 6.8" x 3.7" x 1"
Warranty	5 Years





## Lion Eclipse™ Mag



The Lion Eclipse is a powerful 3-in-1 wireless and USB charger. No need for multiple cords or chargers for all your devices. Just use the small yet powerful Eclipse. Approved for travel on airplanes.

**3-in-1 + Charging + USB** - Wirelessly charge your smart phone, earbuds, watch plus USB devices, one at a time or all at once

**Cut the Cord** - Eliminate the clutter of multiple chargers and cords

**Grab and Go** - Small enough to fit into your travel bag, purse or briefcase, yet powerful enough to charge multiple devices

**Fast Charging** - Lightning quick recharge in just 90 mins

Smart Phones, Earbuds, Watches / USB Devices

Price / SKU	\$149 / 50170180
Battery Type	Lithium-ion
Life Cycles	1,000+
Rated Capacity	27,000mAh / 99.9Wh
Charge Time (Wall)	1.5+ hours
Output	Wireless 15W (phone), 5W (earbuds), 2W (watch) 2 USB-A and 1 USB-C 5V @ 3A Each
Weight / Dimensions	2 lbs / 8.5" x 3.5" x 1.3"
Warranty	5 Years



**CHARGES IN AS  
LITTLE AS 90 MINS.**





POWER

# FOR WORK & PLAY

## Lion Trek™



The Lion Trek is the smallest portable power generator to have an AC outlet and up to 150W of output. Plug in anything from laptops and lamps to cameras and blenders. Keep projects going with the power you need. The Lion Trek has the most portable power you can take with you on a plane.

**Powers Many Devices** - Power devices up to 150W using AC, USB or USB-C

**Maintenance Free** - Retains charge for up to 1 year

**Weighs Less** - Only 2.7 lbs

**Renewable** - Can be recharged with a solar panel or AC wall outlet

**Green Safe** - No emissions, no carbon footprint during use

Tools / Camera / Phone / Drone / Laptop

Price / SKU	\$149 / 50170179
Battery Type	LifePO4
Life Cycles	2,000+
Rated Capacity / Inverter	150W / 99.9Wh
Charge Time AC / Solar	~2 Hours / 3.5 Hours
Shelf Life / Charge Retention	Up to 1 Year
Weight / Dimensions (L x W x H)	2.7 lbs / 5.5" x 1.6" x 8.5"
Warranty	5 Years



## Lion Summit™



Tools / Phone / Mini Fridge / Medical Devices

Unlike gas generators, the Lion Summit is silent which enables you to sleep through the night, and allows for an undisturbed work or play environment. No need for long extension cords to keep you from hearing a noisy, fuel-powered, smelly generator.

**Faster Charge Time** - Can fully charge from the wall in as little as 4-5 hrs

**Renewable** - Can solar charge in up to 7 hrs using solar panel(s)

**Extended Use** - Long lasting daily use at 3,500+ cycles using 100% DOD

**Multiple Outputs** - Plug in many devices using 2 AC, 4 USB, or 12V

**Easy to Transport** - At 18 lbs, it's lightweight and easy to carry

Price / SKU	\$499 / 50170208
Battery Type	LiFePO4
Life Cycles	3,500+ at 100% DOD
Rated Capacity	530W / 665Wh
Input	Solar, 12V Cig, Wall
Output	2 AC, 4 USB, 12V / Pure Sine Wave
Shelf Life / Charge Retention	Up to 1 Year
Weight / Dimensions (L x W x H)	18 lbs / 13.3" x 7.3" x 8.5"
Bluetooth Enabled	Yes
Warranty	5 Years



## Safari

### Faster Charge Time

- Can fully charge from the wall in as little as 2.3 hours

### Renewable

- Use the sun to recharge in as little as 2.7 hours

## Safari-XP

### More Stored Energy

3X the stored energy when you connect the XP to the Safari

### Easy to Connect

- Just plug it into the back of the Safari

Combined Capacity of 4.3kWh

## Lion Safari™

The Safari is a powerful solar generator that powers virtually anything you can plug into a standard wall outlet (up to 25A) – many power tools, refrigerators, freezers, air compressors, TVs, medical devices, blenders, and so much more!



Power virtually anything you can plug into a standard AC outlet

Price / SKU	\$1,699 / 50170137
Battery Type	Lithium Iron Phosphate
Life Cycles	3,500+
Rated Capacity	1,612Wh
Shelf Life / Charge Retention	Up to 1 Year
Output Continuous / Surge	3,000W / 6,000W Pure Sine Wave
Weight / Dimensions	57.3 lbs / 20" x 13.3" x 13.3"
Bluetooth Enabled	Yes
Warranty	5 Years

## Lion Safari-XP™

Sold separately, the Safari Expansion Pack (XP) gives you 3X the energy storage capacity than the Safari™ alone.

*\*Must be used with the Safari to have power*



Have more stored energy





Price / SKU	\$1,299 / 50170147
Battery Type	Lithium Iron Phosphate
Life Cycles	3,500+
Rated Capacity	2,688Wh
Shelf Life / Charge Retention	Up to 2 Years
Min. Charge Time	4.5 hrs with main ME™ unit
Weight / Dimensions	50.7 lbs / 16.9" x 10.2" x 9.8"
Warranty	5 Years



# WHICH POWER DEVICE IS RIGHT FOR YOU?



Device	Watts	 Prowler	 Eclipse Mag
LED Lamp	4W	18.5 Hrs	24.8 Hrs
Earpods	5W	37X	45X
Watch	14W	60X	78X
Phone	5W	6X	10X
Tablet	30W	2X	3X
Laptop	56W	1.5 Hrs	2 Hrs
DSLR Camera	10W	7 Hrs	9.4 Hrs
Drone	40W	1.9 Hrs	2.5 Hrs
Gaming Units	25W	3 Hrs	4 Hrs
Mini Fridge	36W	—	—
55" LED TV	75W	—	—
CPAP	50W	—	—

 Trek	 Summit	 Safari	 Safari + XP
21 Hrs	146 Hrs	354 Hrs	946 Hrs
45X	116X	268X	756X
78X	41X	X	X
10X	116X	141X	378X
3X	19X	X	X
2X	11X	14X	51X
8 Hrs	58 Hrs	81 hrs	261 Hrs
2 Hrs	14 Hrs	20 Hrs	65 Hrs
4 Hrs	23 Hrs	32 Hrs	104 Hrs
2 Hrs	16 Hrs	39 Hrs	105 Hrs
—	9 Hrs	19 Hrs	50 Hrs
1.7 Hrs	15 Hrs	28 Hrs	75 Hrs

\*Actual run times may vary.



# SOLAR PANELS

Our solar panels let you harness the power of the sun. Use them to charge your devices, tools, lights, in your shed, cabin, gazebo, campsite, or outdoor adventures and our Lion portable and RV battery energy storage products.

Going off-grid doesn't mean you can't have power! Our ultra-efficient rugged solar panels give you power anywhere the sun shines. With an easy to use plug and play setup, our solar panels are ready to go anywhere, anytime.







## Lion 50™ Solar Panel

Use with the Lion Trek™, Eclipse™, Summit™

This small, portable solar panel can charge the Lion Summit™ power unit and smaller USB devices directly. At only 3 pounds, it's easy to grab-and-go. Use it outside anywhere the sun is shining directly.

**Safe** - Produces zero emissions, no carbon footprint during use

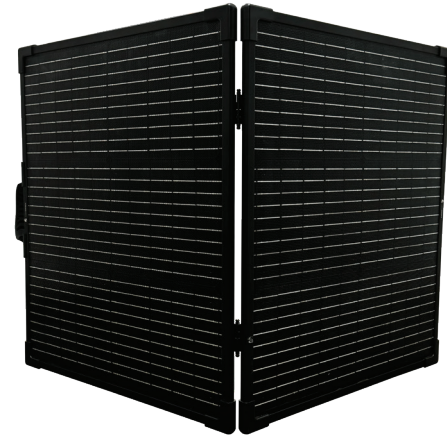
**Portable** - Lightweight and easy to carry

**Direct USB Charge** - Charges the Lion Summit and USB devices directly

**Powerful** - Provides up to 50W output for recharging

### Used to Power Your Small USB Devices

Price / SKU	\$149 / 50170172
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	50W
Max Barrel Output	18V @ 2.7A
Weight / Folded Dimensions	3 lbs / 11.3" x 11.3" x 1.6"
Warranty	5 Years



## Lion 100™ LW 24V Solar Panel

Use with the Lion Safari™

This powerful portable 24V solar panel can harness the power of the sun to charge the Safari in as little as 2.7 hours when multiple panels are combined together.

**Safe** - Produces zero emissions, no carbon footprint during use

**Durable** - Anti-corrosive, double walled aluminum construction

**100 Watts** - Each panel is a high-efficient 100W

**Expandable** - Link up to 6 panels together

**Portable** - Easy carrying handles and neoprene carrying case

### Used to Power the Safari

Price / SKU	\$199 / 50170263
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	100W
Max Volt Output	34V @ 2.9A
Expandable	Can link up to 6 panels
Weight / Dimensions	8 lbs / 23.5" x 41" x 0.75" (Unfolded)
Warranty	5 Years



## Lion 100™ LW 12V Solar Panel



The Lion 100 watt solar panel is part of our pride of products that creates clean, limitless, renewable energy sources to power your life. It's designed to recharge other power units, like the Lion Summit, through a clean and renewable source - the sun.

- Easy to Use** - Point towards the sun and plug into the Summit power unit
- Durable** - Anti-corrosive, double walled aluminum construction
- Powerful** - Provides up to 100W output for charging
- Expandable** - Can link up to 4 panels together for faster charging
- Easy to Transport** - Convenient carrying handles and neoprene carrying case

Lion Summit / Home / Shed / Gazebo / Trailer

Price / SKU	\$199 / 50170261
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	100W
Max Volt Output	17V @ 5.8A
Expandable	Can link up to 4 panels
Weight / Dimensions	8 lbs / 23.5" x 41" x 0.75" (Unfolded)
Warranty	5 Years







# SAVANNA SERIES

Home / Shed / Gazebo / RV / Trailer



## Savanna IV™ 2,000W Power Inverter

Rated at 2,000 watts, this professional-grade, pure sine wave inverter takes DC power (the power that comes from batteries or solar panels) and converts it into AC power.

Price / SKU	\$299 / 50170181
Output Continuous / Peak	2,000W / 2,500W
Input	11.5V - 14.8V
Output	110V - 130V
Nominal Efficiency	88%
Weight	8.5 lbs
Dimensions	13.8" x 7.8" x 3.4"
Warranty	5 Years

Control the power to and from your Lithium batteries with a full array of products designed to make solar and battery power accessible, manageable, and usable.

## Savanna CC™ Solar Charge Controller



Regulate the flow of energy from solar panels to a connected battery. With easy input and output connections, the Savanna CC gives you a perfect solution to manage solar-to-storage energy collection.

Price / SKU	\$79 / 50170175
Charge Controller Type	MPPT
Rated Charge Current	30A
Nominal System Voltage	12V
Average Efficiency	95%
Max Solar Input	460W
Weight / Dimensions	0.86 lbs / 6.5" x 3.5" x 1.8"
Warranty	5 Years



## Savanna BC™ Battery Charger

Built to charge Lithium Batteries quickly, the Savanna BC will charge at a rate of 45 amps. This will charge a Lion Energy UT 1300 105Ah battery in 2.4 hours.

Price / SKU	\$149 / 50170178
Input Voltage Range	100VAC ~ 240VAC
Output Voltage / Amps	14.6V / 45A
Input Amps	6A
Max Continuous Output	650W
Weight / Dimensions	4 lbs / 10.1" x 7.1" x 3.8"
Warranty	5 Years



# ACCESSORIES

We have the best accessories for your portable power units and solar products!

For additional products, kits and accessories, visit our website at [www.lionenergy.com](http://www.lionenergy.com)

## 25' Solar Extension Cable

Connect Solar Panels to Solar Generator

This extension cable will allow you to position your solar panels in the sun and your power unit in the shade or wherever you need without worrying about your cord being long enough. Compatible with Anderson™ connections.



Price / SKU	\$29 / 50170031
Capabilities	12V / 25A
Cable Length	25'
Warranty	5 Years

## 3 LED-Light Bulb String

Tent / Shed / Camping



Use for emergencies or off-grid activities when you need light or to create a nice ambiance! Each USB cord has 15 ft. with an individual on/off switch and a single USB-A Connection

Price / SKU	\$39 / 50170084
Watts	2W per light bulb
Weight / Box Dimensions	2 lbs / 11" x 9" x 3"
Warranty	5 Years

## Battery Warmer

Keep Batteries Running in Cold Temps



Lithium battery heating system allows you to use your Lithium batteries on those cold weather campouts. Uses only 1/2 amp draw!

Price / SKU	\$39 / 50170211
Voltage	12VDC
Output Voltage	14.6VDC
Power Watts / Amps	7.5W / 0.55A
Auto On / Off	42°F / 68°F
Warranty	5 Years

## Mil-Spec EMP Bag

Tested and certified by the US Military

Protect your generators and any other electronic devices small enough to fit inside it from an electromagnetic pulse.

Price / SKU	\$199 / 50170164
Protection Level	EMP, HEMP, and other transient EMI's
MIL-SPEC Standard:	MIL-SPEC-461G R5-10
Interior Dimensions	15" x 19.5" x 26"
Warranty	5 Years





# Lion Sanctuary™

## Home Energy Storage System

Meet the Lion Sanctuary System: fusing solar and grid power for uninterrupted home or business energy. This cutting-edge hybrid inverter and storage unit provides reliable energy for daily use, emergencies, and grid outages.

The Lion Sanctuary System is a innovative hybrid inverter and energy storage solution that converts renewable energy into power for your residence, office, or cabin. This innovation ensures a steady supply during critical moments, from emergencies to high-demand times. Enjoy peace of mind and comfort for your family while cutting costs.

**Best Capacity Value** - Expandable from 13.5kWh to 40.5kWh stored energy. Inverter ranges from 8kW output to 12kW input

**Energy Cost Savings** - Optimize energy usage, reducing costs and strain on the grid during high-demand periods

**Flexible** - Can be used on-grid, off-grid, metered or non-net metered

**Backup Power** - Stay powered during outages for safety and comfort.

Home / Business / Cabin / On-Grid / Off-Grid

### Sanctuary 13.5kWh Battery

SKU	50170132
Battery Type	Lithium Iron Phosphate
Voltage Range	40 - 55.6VDC
Capacity	13,875.2Wh
Paralleable Capacity	41,625.6Wh Max*
Quantity	3 Max*
Charging Temp. Range / Current	32° to 86° F /150A
Discharging Temp. Range	-4° to 86° F /160A
Weight / Dimensions	277 lbs. / 39.75" H x 18.5" W x 10" D
Compliance	UL1973, UL9540, UL9540A
Warranty	10 Year

\* Per inverter



Scan QR Code  
For more information

Starting at  
**\$15,999**

1 battery  
1 inverter system

99990815 as shown \$20,999

### Sanctuary 12K Inverter

SKU	50170168
Product Type	Hybrid Solar Inverter
Ambient Temperature	32° to 86° F
Weight / Dimensions	90 lbs / 8.66" D x 16.9" W x 27.95" H
Compliance	UL1741 SB, UL9540, UL1699
Warranty	10 Year

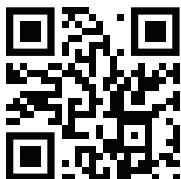
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product information, visit our website

**LIONENERGY.COM**



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